

MUSTANG™ MINI *By* **FENDER®**

GUITAR AMPLIFIER



ADVANCED OWNER'S MANUAL

Fender®
www.fender.com

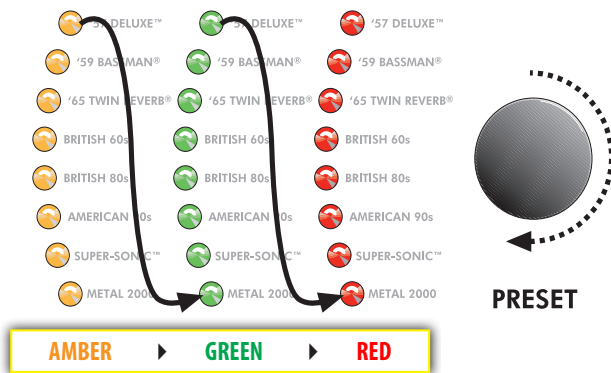
Advanced Manual

Introduction

This manual is your step-by-step guide to all the advanced features found on your **Mustang™ Mini** amplifier. For free downloads and information on using Fender® FUSE™ software, please visit fuse.fender.com.

Using Presets

Turn the PRESET knob to select one of 24 presets. Presets are stored in three banks, colored AMBER, GREEN and RED, in the following order:



Each preset is based on one of the eight amplifier types labeled next to each of the preset LEDs. Each preset stores the settings for every parameter on the amplifier (volume, tone, effects, etc.) except for the master volume level which can only be adjusted by turning the MASTER knob manually.

*The **RED** and **GREEN** banks are for storing your own custom presets. The **AMBER** bank of presets can only be modified using Fender® FUSE™ software, available free of charge at fuse.fender.com.*

Programmable Knobs

The four programmable knobs (GAIN, VOLUME, TREBLE, EFFECTS) will NOT show their true settings when you first select a new preset. This is because the stored preset setting for each knob can be different from the position that the knob is currently pointing to.



Programmable knobs are inactive until turned

Simply turn a knob to activate it and adjust its current setting. The knob will remain active until you select a different preset, at which time the programmable knobs all become inactive again.



Rotate programmable knobs to activate

You may hear a significant change in volume or tone when you first turn a programmable knob as the preset setting for the knob instantly shifts to the activated knob position.

*The only way to see what the level of a programmable knob is **BEFORE** you turn it is by using Fender FUSE software.*

Tone Adjustments (Treble and Bass)

Turn the TREBLE knob to adjust the high-frequency tone of the Mustang Mini amplifier. To adjust the low-frequency BASS tone, press and hold the EXIT button while turning the TREBLE knob:



Adjusting the BASS level

Effects

Effect Selections


Turn the EFFECTS knob to select one of 12 effects. Select "OFF" for no effects.

A1:	Chorus
A2:	Flanger
A3:	Phaser
B1:	Vibratone
B2:	Vintage Tremolo
B3:	Octave Down
C1:	Small Room Reverb
C2:	Fender '65 Spring Reverb
C3:	Stereo Tape Delay
D1:	Tape Delay + Room Reverb
D2:	Chorus + Hall Reverb
D3:	Vibratone + Room Reverb

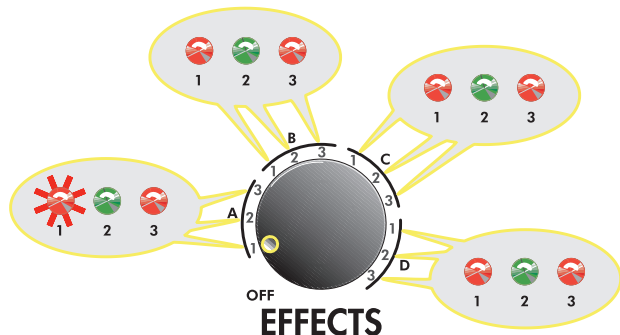


EFFECTS

MUSTANG™ MINI

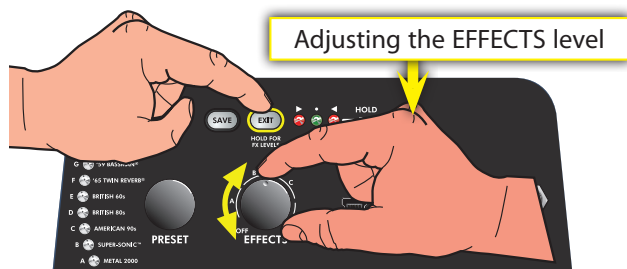
 You can completely change the list of effects available on your Mustang Mini amplifier as well as access bonus effect parameters using Fender FUSE software!

The three LEDs next to the EXIT button are numbered to indicate which effect position (1, 2 or 3) is being selected within each of the four selection ranges (A, B, C and D). For example, effect selection "A1" is shown below:



Effects Level

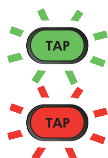
To adjust the level of effects for the current preset, press and hold the EXIT button while turning the EFFECTS knob:



Tap Button

The TAP button can be used to tap in delay time and modulation rate settings for the current effect:


- **Delay time** — TAP button blinks **green**:
- **Modulation rate** — TAP button blinks **red**:



When you select a delay type effect, the TAP button will blink **green** in sync with the delay time setting. When you select a modulation type effect, the TAP button will blink **red** in sync with the modulation rate setting.

To set the TAP interval of effects:

1. Select an effect that causes the TAP button to blink, using the EFFECTS knob.
2. Press the TAP button twice rhythmically in time with the desired interval.

 Press the TAP button just one time to set the delay or modulation interval to its maximum value.

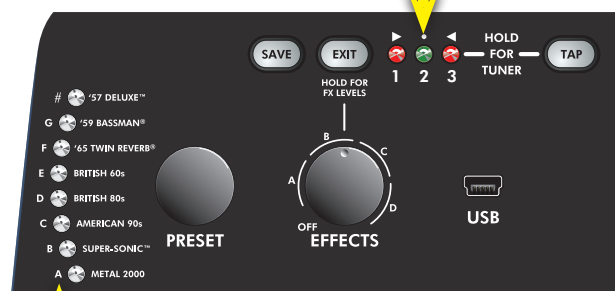
Guitar Tuner

Your Mustang™ Mini amplifier has a built-in Tuner mode that uses the control panel LEDs as a chromatic guitar tuner.

To use the tuner:

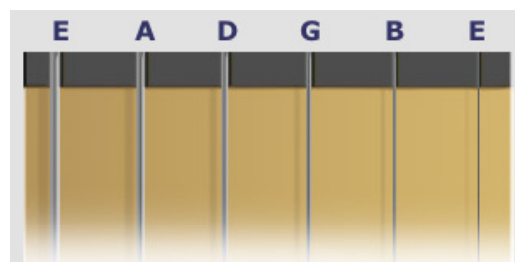
1. Press and hold the TAP button for 2 seconds. The TAP and EXIT buttons will illuminate.
2. Strike any single string on your guitar and watch the panel LEDs. The Preset LEDs are used to indicate the note of the string being tuned (the top LED "#" also lights up to indicate if the note is sharp).

3 LEDs indicate fine tuning. **GREEN** means "in tune"



Letters next to LEDs indicate the note being tuned

3. Turn the tuning peg on your guitar until the fine tuning LEDs next to the EXIT button indicate that the string is in tune, as shown above.
4. Standard guitar tuning is as follows:



5. Press EXIT or TAP to exit from the Tuner.

Save Button



Your Mustang Mini amplifier gives you the powerful ability to save every setting on the amplifier as part of a preset. The SAVE button will light up **red** when you turn any programmable knob on the amplifier. This indicates that you have temporarily modified the current preset. You can undo your modifications simply by selecting a different preset using the PRESET knob, then turning back to the original preset.



The EXIT button will not cancel changes to the current preset. Only by selecting a different preset using the PRESET knob, the footswitch or Fender FUSE, will your temporary changes be erased.

To save your own custom preset:

1. To save a preset you must first modify an existing preset by turning any of the programmable knobs, such as GAIN (once the SAVE button is illuminated, you can proceed to step 2).
2. Press the SAVE button. The SAVE and EXIT buttons should be flashing rapidly. You can press EXIT at this point to cancel the save process.
3. Turn the PRESET knob to select a preset to overwrite. You can only overwrite the **red** and **green** banks of the amplifier type that you started from (if you started by modifying the **amber** bank, you must select either the **red** or **green** bank to overwrite).



*You can save over the **AMBER** bank of presets only by using Fender® FUSE™ software.*

4. Press the SAVE button again to confirm the save. Your new preset has been created!

Aux / Phones Jacks

Auxiliary Input



You can use the Auxiliary jack to input audio into your Mustang Mini amplifier for accompaniment. Connect the headphone output on your CD player or MP3 player to the AUX jack using a mini-stereo cable. Use the volume control on your player, together with the MASTER volume knob on the Mustang Mini, to adjust the auxiliary volume level.

Phones Jack



Plug in your headphones, ear buds, or powered speakers to enjoy the Mustang Mini's stereo features. This jack may also be used as a stereo recording output. The amp's internal speaker is muted when the PHONES jack is used.

Footswitch



Connect a (optional) 1-button footswitch (P/N 0994049000) into the FTSW jack to enable remote selection of your two favorite presets. The LED above the FTSW jack will turn **red** or **green** to indicate which footswitch preset is active.

To program the footswitch:

1. Select a preset that you want to assign to the footswitch. The preset must not be modified (the SAVE button must NOT be illuminated to proceed to step 2).
2. Press the SAVE button. The SAVE and EXIT buttons should be flashing rapidly. You can press EXIT at this point to cancel the footswitch assignment process.
3. Press the footswitch button to select either the **red** or **green** LED above the FTSW jack that you wish to associate with the current preset.
4. Press the SAVE button to confirm the footswitch assignment. Now, when you press the footswitch, the chosen preset will be activated with the assigned **red** or **green** footswitch indicator.

USB Port



Use the USB port to connect the Mustang™ Mini amplifier to your computer and take your music to the next level:

- Use Fender® FUSE™ software to control the Mustang Mini from your computer and access bonus amp features not available from the amplifier alone.
- Record and edit Mustang Mini audio using your favorite recording software.



You can adjust the USB recording volume level by pressing and holding the EXIT button while you turn the VOLUME knob.

- Stream live audio and play with people around the world using Fender® BAND JAM, powered by eJamming® AUDiO.



For a 30-day trial subscription to Fender BAND JAM, visit: www.fender.com/ejamming

Factory Restore & Firmware Updates

Factory Restore

You can restore your Mustang Mini amplifier to the original factory settings if desired. All user presets will be erased!

To restore the Mustang Mini amplifier to factory settings:

1. Turn the amplifier OFF.
2. Press and hold the EXIT button while turning the amplifier ON. Continue holding the EXIT button until it is no longer illuminated.



The **FACTORY RESTORE** function will erase all user modified presets. It will also restore the **AMBER** bank of presets and any effect selections that have been modified using Fender FUSE software.

Firmware Update

From time to time, Fender may make available firmware updates for your Mustang Mini amplifier to improve operation or to add new features. To update the firmware on your amplifier you will need to connect it through the USB port to a computer with an internet connection and running Fender FUSE software.

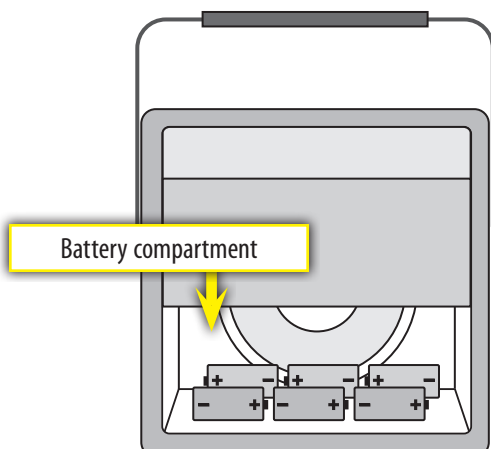


Please download the latest version of the Fender FUSE manual from fuse.fender.com.

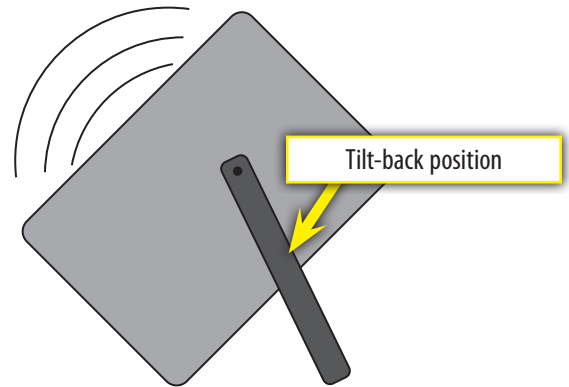
Notes & Tips



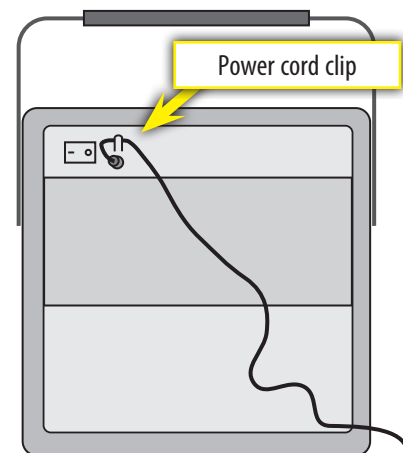
LOW BATTERY: When running the Mustang Mini on batteries, the amp will start to distort at lower volumes as the batteries get low. This will be most noticeable on the clean presets. Change the batteries when the sound quality starts to deteriorate.



You can use the handle on your Mustang Mini amplifier as a tilt-back leg to support the amplifier at an angle for improved sound projection.



You can loop the power adapter cable around the clip on the back panel of your Mustang Mini amplifier to prevent it from disconnecting.



There are several great places you can go to learn more about your Mustang Mini amplifier and music in general:

- www.fender.com/support
- Join a Fender Community forum where you can ask questions and read threads. There's even a forum just for the Mustang: www.fender.com/community/forums
- Find music theory learning materials and sheet music at Hal Leonard Publications: www.halleonard.com

部件名称 (Part Name)	有毒有害物质或元素 (Hazardous Substances' Name)					
	铅 (PB)	汞 (Hg)	镉 (Cd)	六价铬 (Cr ⁶⁺)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
部分电子元件	X	O	O	O	O	O
部分机器加工金属部件	X	O	O	O	O	O
部分其他附属部件	X	O	O	O	O	O
O: 表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T 11363-2006 规定的现量要求以下 X: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T 11363-2006 规定的现量要求						

This product is covered by one or more of the following patents:
US Pat. 6,222,110

AMPLIFICADOR DE AUDIO

IMPORTADO POR: Instrumentos Musicales Fender S.A. de C.V., Calle Huerta # 132, Col. Carlos Pacheco, C.P. 228890, Ensenada, Baja California, Mexico.
RFC: IMF870506R5A Hecho en China. Servicio de Cliente: 001-8665045875

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